

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re the Application of  
Tsuyoshi KANEKO

Group Art Unit: 2828

Application No.: 10/665,447

Filed: September 22, 2003

Docket No.: 116898

For: SURFACE EMITTING SEMICONDUCTOR LASER AND MANUFACTURING  
METHOD THEREOF, LIGHT MODULE, LIGHT TRANSMISSION DEVICEINFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. The references 1-7 were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- 4. An English-language Abstract of the non-English language reference 5 is attached hereto.

Respectfully submitted,

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JAO:JSA/mlo  
Date: February 10, 2004

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DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)			US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116898	APPLICATION NO. 10/665,447	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)			APPLICANT(S) Tsuyoshi KANEKO				
			FILING DATE September 22, 2003	GROUP 2828			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
	1.	US 2002/0127754 A1	9/12/2002	KANEKO et al.			
	2.	US 6,185,241 B1	2/6/2001	SUN			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
	3.	EP 1 130 720 A1	9/5/2001	EUROPE			
	4.	WO 02/45217 A2	6/6/2002	WIPO			
	5.	JP A 63-274187 w/abstract	11/11/1988	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	6.	R. A. Morgan et al.; "Hybrid Dielectric/AlGaAs Mirror Spatially Filtered Vertical Cavity Top-Surface Emitting Laser"; Applied Physics Letters; Vol 66, No. 15; March 1995; pp 1157-1159					
	7.	R. R. Schaefer; "Method for Fabricating Polyimide Films"; XP-000806741; IBM Technical Disclosure Bulletin; Vol. 25, No. 3A; August 1982; pp 1162-1163					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							